

Figure 1

004240" 15425560

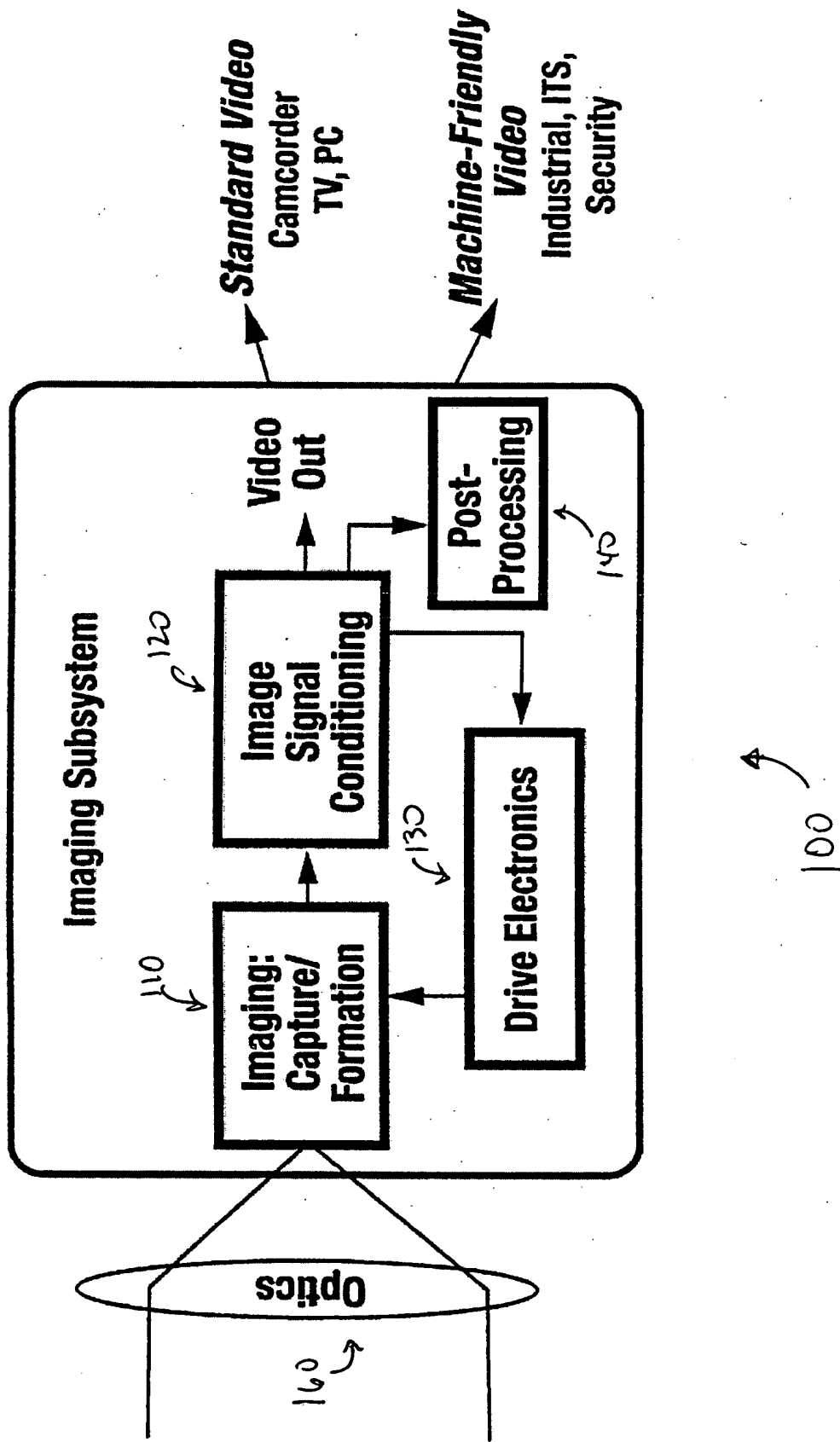
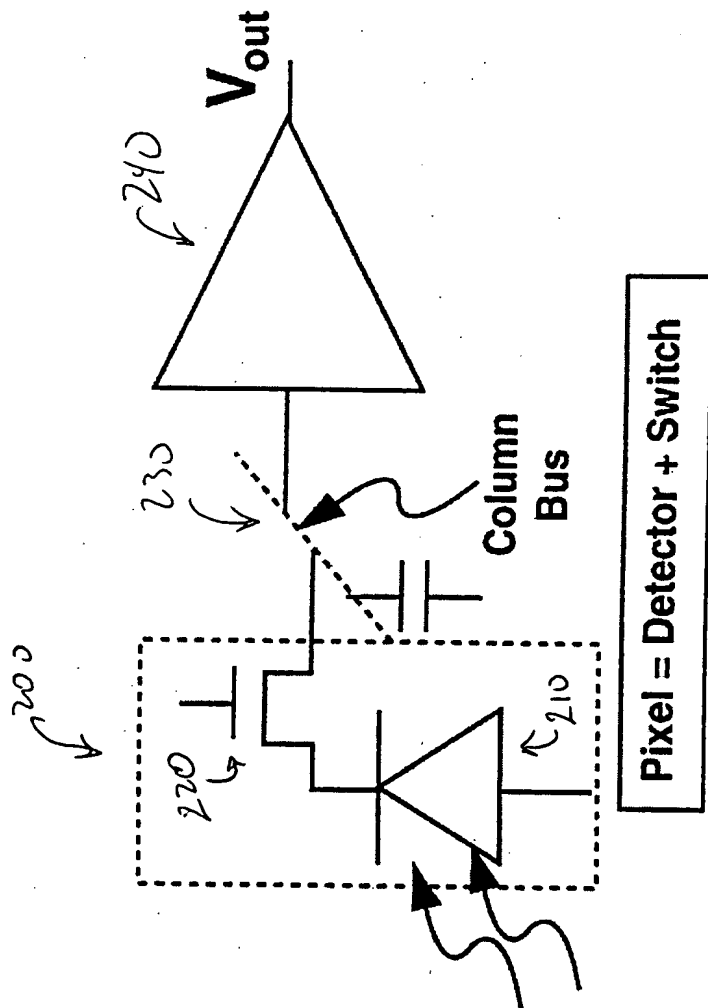
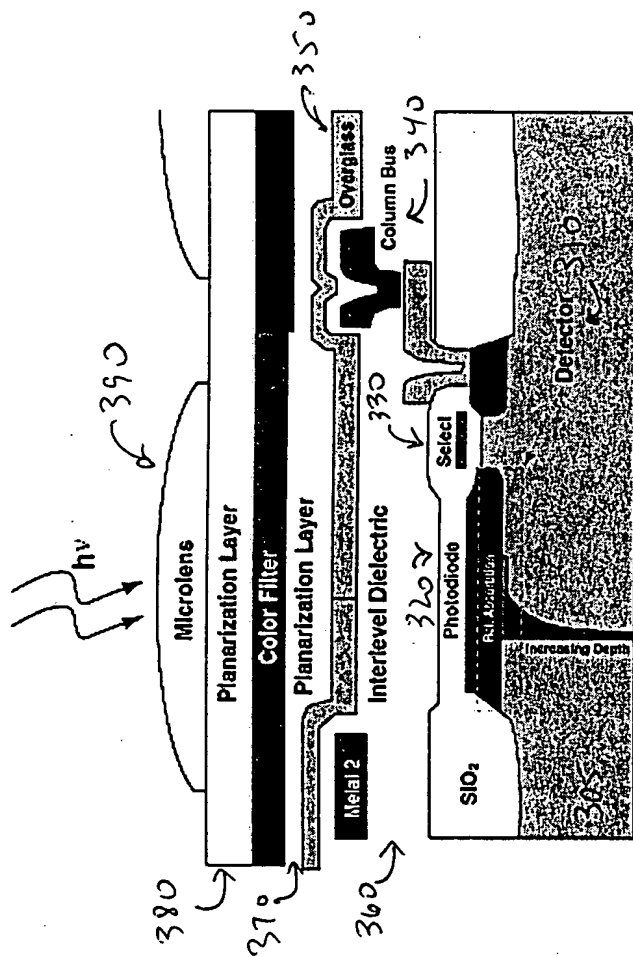


Figure 2



Prior Art

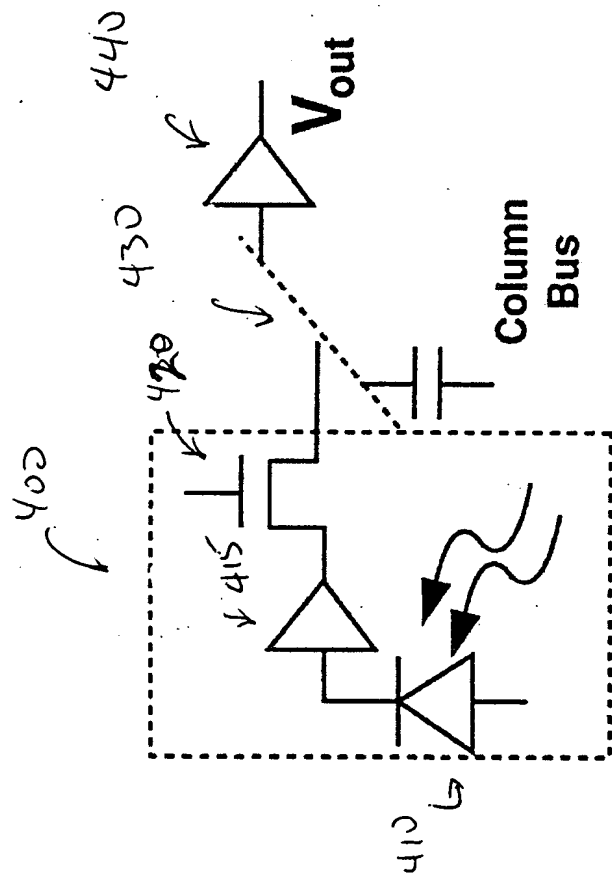
Figure 3



Prior Art

300

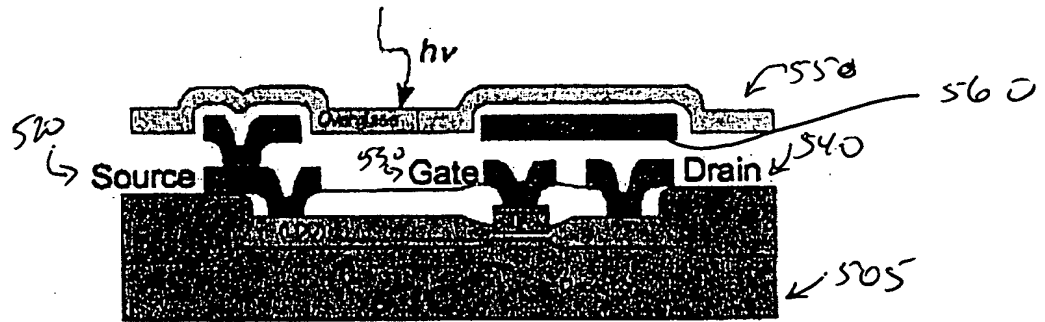
Figure 4



Pixel = Detector + Amplifier + Switch

Prior Art

Figure 5



a) Amplified Pixel Cross-Section

500

Figure 6

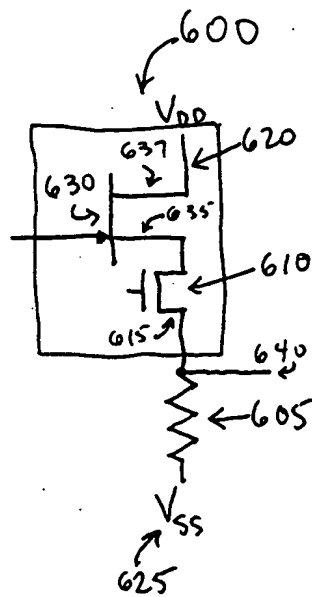
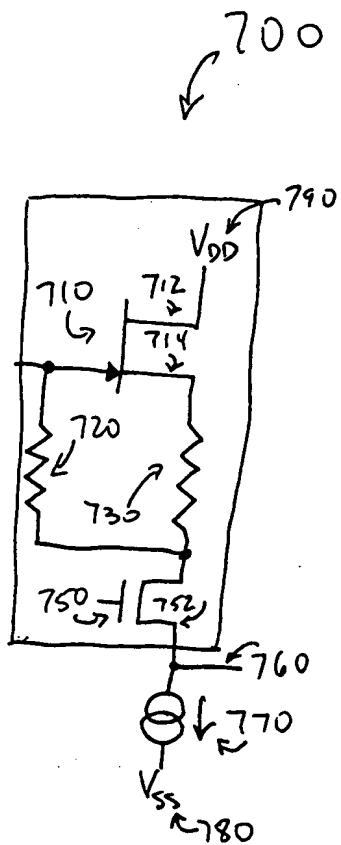
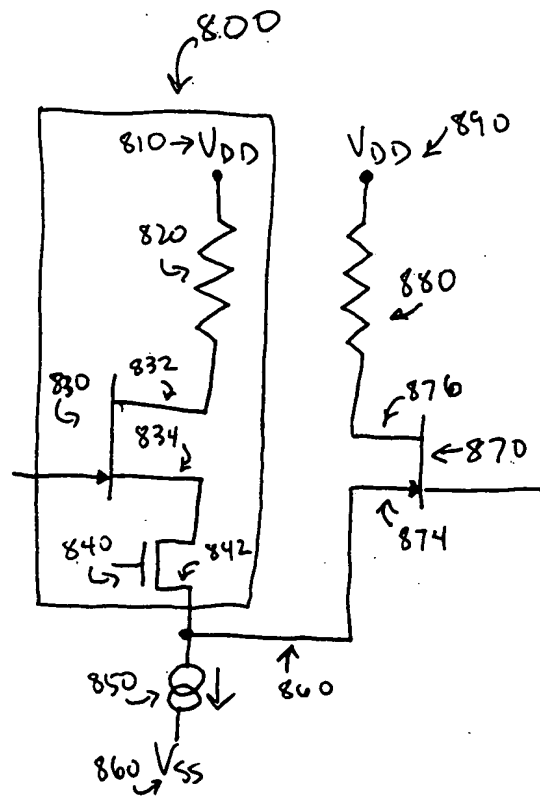


Figure 7



004240-1542560

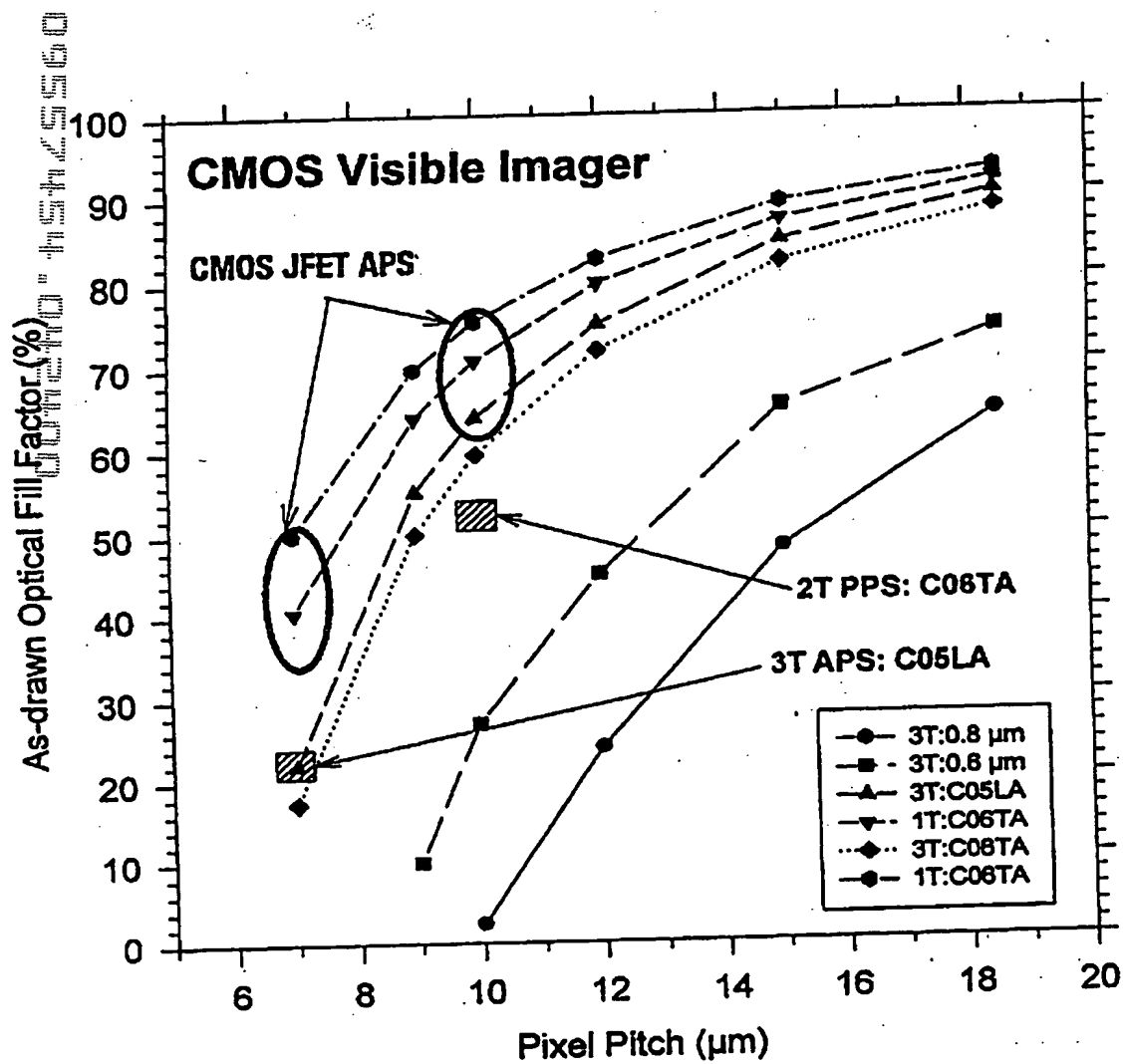
Figure 8



09557454.042400



Figure 9



0057454.04200

